

This Career Pathway Plan of Study can serve as a guide. Courses listed within this plan are only recommended coursework and should be individualized to meet your educational and career goals.



NH High Schools ➡ NH Technical Institute Orthopedic Technology

Career Pathway Plan of Study for ► Learners ► Parents ► Counselors ► Teachers/Faculty

Bold – Prerequisite for College Success
Black – High School Requirement

Bold & Underlined – Articulated Credit
Italic – Imbedded Academic Core Credit

BOLD, UNDERLINED & ALL CAPITALS -
Transcripted Dual Enrollment Credit

	Grade	English/ Language Arts	Math	Science	Social Studies /Sciences	Other Required Courses (R) Recommended Electives (E)	*Career and Technical Courses and/or Degree Major Courses	SAMPLE Occupations Relating to This Pathway
S E C O N D A R Y	9	English	Algebra 1 (3 math cr, including algebra credit that can be earned through a sequential, integrated or applied program)	Physical Science	World History, Global Studies, or Geography ½ cr	Information & Communications Technologies ½ cr or demonstrated proficiency (R) Physical Education 1 cr		► MD offices ► Outpatient Clinics
	10	English	Geometry	Biology	Economics ½ cr US & NH Government/Civi cs ½ cr	Arts Education ½ cr (R) Health Education ½ cr (R)		
	11	English	Algebra 2	Chemistry*	US & NH History 1 cr	6 open electives	Health Science Technologies 1	
	12	English					<u>HEALTH SCIENCE TECHNOLOGIES 2</u>	
P O S T S E C O N D A R Y	Orthopedic Technology Certificate							*Notes: High School Chemistry strongly recommended. Interview required for admit, Preference given to applications complete by March for the Fall start. Dual Enrollment Option: Medical Terminology
	13						<u>MEDICAL TERMINOLOGY</u> Orthopaedic Anatomy & Physiology 1 Basic Radiology Interpretation Casting & Splinting 1 Sterile Technique Patient Care	
	14				Contemporary Ethical Issues		Orthopaedic Anatomy & Physiology 2 Physical Assessment of the Orthopaedic Patient Casting & Splinting 2 Bracing & Durable Medical Equipment Traction	
	Summer						Clinical Externship	
	Industry Certification Available: Certified Orthopaedic Technologist							